


**I. AMENDMENT**

Please amend the claims as follows. The following listing of claims will replace all prior versions and listings of claims in the application.

1-51. (Canceled)

- 1 52. (Currently Amended) An apparatus comprising a chamber having an inlet port and an outlet port, said chamber containing an immobilized antigenically-active native Rh blood group antigen protein or peptide.
- 2 53. (Original) The apparatus of claim 52, wherein said chamber is cylindrical.
- 3 54. (Original) The apparatus of claim 52, wherein said protein or peptide is a mammalian antigen.
- 5 55. (Canceled)
- 4 56. (Currently Amended) The apparatus of claim 55 54, wherein said Rh antigen is a human Rh antigen or a rabbit homolog of a human Rh antigen.
- 5 57. (Original) The apparatus of claim 56, wherein said antigen is a D antigen, a c antigen, a C antigen, an e antigen, an E antigen, an A antigen, a B antigen, or an F antigen.
- 6 58. (Original) The apparatus of claim 52, further comprising a pump.
- 7 59. (Original) The apparatus of claim 52, wherein said protein or peptide is immobilized onto a glass, plastic, acrylate, methylmethacrylate, Sepharose, agarose, nylon, fiber, or glass wool support.
- 8 60. (Currently Amended) The apparatus of claim 52, wherein said protein or peptide is immobilized under conditions of low pH wherein the pH is from about pH 1 to about pH 6.
61. (Canceled)

- 60
- 9 62. (Original) The apparatus of claim ~~61~~, wherein said pH is from about pH 2.4 to about pH 4.5. 
- 10 63. (Original) The apparatus of claim 52, wherein said antigen is immobilized in the presence of an amphoteric or zwitterionic buffer.
- 11 64. (Original) The apparatus of claim 63, wherein said buffer is EDTA, WRA, MOPS, HEPES, glycine, alanine, Bis-Propane or Bis-Tris.
- 12 65. (Currently Amended) The apparatus of claim 63, wherein said buffer is present at a concentration of from about 0.01% (weight/volume) to about 5% (weight/volume).
- 13 66. (Currently Amended) The apparatus of claim 65, wherein said buffer is present at a concentration of from about 1% (weight/volume) to about 4% (weight/volume).
- 67-77. (Canceled)
- 14 78. (New) The apparatus of claim 52, wherein the protein or peptide is antigenically-active when the pH is from about pH 1 to about pH 6 during use of the apparatus.
- 15 79. (New) The apparatus of claim 78, wherein the pH is from about pH 2.4 to about pH 4.5.
- 16 80. (New) The apparatus of claim 52, wherein the protein or peptide is antigenically-active for a period of at least 4 hours during use of the apparatus.
- 17 81. (New) The apparatus of claim 64, wherein the buffer is WRA.
- 18 ~~82~~. (New) ~~The apparatus of claim 52, wherein the protein or peptide is immobilized onto a petri dish, a test tube, a vial, a microscope slide, an ELISA plate, a microtiter dish, or a culture plate.~~
- 18 83. (New) The apparatus of claim 52, further comprising an immunoaffinity column or matrix.
- 19 84. (New) The apparatus of claim 52, wherein said protein or peptide is linked to a detectable label.

20

~~85~~ (New) The apparatus of claim 84, wherein said detectable label is a radioactive label, a fluorogenic label, a nuclear magnetic spin resonance label, biotin, or an enzyme that generates a colored product upon contact with a chromogenic substrate.